

**PRODUCT
SPECIFICATION**

 **TEREX®**

 **ECOTEC**

TTS 620

TROMMEL



SCREENING REIMAGINED

Introducing the next generation in modern trommel screen design. The reimagined TTS 620 builds on its proven legacy of unrivalled application flexibility, high production rates and exceptional serviceability. Now enhanced with innovative new features, it delivers improved efficiency and maximises productivity. Ideally suited for screening compost, biomass, soil, gravel and waste, the TTS 620 is engineered for excellence and delivers consistent, high-quality results across a wide range of applications.



TTS 620

The Next Generation of a Proven Performer.



As before an intuitive push button control panel allows the operator to easily configure the machine to suit the required application. Whilst the intelligent feeder control system continually monitors the machine adjusting the feeder speed to optimise screening performance and throughput. Special consideration has been given to minimise the change out time for the screening drum. The process, which takes a matter of minutes, places the TTS 620 as a market leader.

The TTS 620 has been designed to accept a number of other trommel manufacturers' drums, enabling it to integrate seamlessly into established fleets. Unprecedented levels of service access catapults the TTS 620 into a league of its own. All the conveyors are fully modular allowing each to be

removed independently, with the fines and oversize also lowering to ground level for maintenance. The swing out engine cradle provides unrestricted service access enabling daily checks and maintenance to be carried out safely from ground level. Hinged doors on both sides of the trommel drum offer unobstructed access for maintenance and cleaning.

With efficiency in mind the new TTS 620 has been designed with two engine options and is now equipped with features such as low idle and fuel save mode, to reduce fuel usage and emissions. An adaptable trommel suitable for all market conditions, the TTS 620 continues to set the industry standard for modern trommel design and is available in wheeled, pintle drawbar, or tracked configurations.

KEY FEATURES



Double sided unrestricted drum access with low friction liners with access holes to combat material build up



Easily replaceable 5.5m (18') x 2m (6'7") punch plate drum which is compatible with other manufacturers



Advanced feeder control system offering efficient operation and maximised output
Fully sealed feeder reducing spillage
The feeder belt is driven at the head drum via a powerful recessed gearbox and hydraulic motor reducing belt spillage



Swing out engine cradle providing operators with unrivalled maintenance access



User-friendly push button control system with Automatic Start / Stop function and Automatic Feeder Mode



Fines and oversize conveyors lower to ground level hydraulically for excellent maintenance



All conveyors are built to an individual modular design reducing maintenance downtime
Improved sealing ensures smooth material transfer and stockpiling

TECHNICAL DATA

TRANSPORT DIMENSIONS (TRACKED MACHINE)
Width: 3.0m (9' 10")
Height: 3.4m (11' 2")
Length: 10.5m (34' 5")
Weight: 21,500kg (47,400 lbs) approx.

TRANSPORT DIMENSIONS (WHEELED MACHINE)
Width: 2.5m (8' 2")
Height: 4.0m (13' 2")
Length: 12.0m (39' 4")
Weight: 19,000kg (41,888 lbs) approx.

WORKING DIMENSIONS (TRACKED MACHINE)
Width: 6.9m (22' 8")
Length: 14.1m (46' 5")
Feed Height: 2.85m (9' 4")

WORKING DIMENSIONS (WHEELED MACHINE)
Width: 6.9m (22' 8")
Length: 15.5m (51')
Feed Height: 2.85m (9' 4")

HOPPER AND BELT FEEDER
5.5m³ (72yd³) capacity
2.85m (9' 4") feed in height
4.0m (13' 1") feeder length
1200mm (47") 3 ply plain belt, 5 + 1.5 covers
Head drum drive system with compact gearbox solution
Slide out feeder cassette for maintenance
Hopper extensions

DRUM
5.5m (18' 1") Length
2.0m (6' 7") Diameter
Double welded chain and drive sprocket
Compatible with Doppstadt SM 620
Horizontal drum with spiral design for material transfer
Easily removable for maintenance and application flexibility
Active running pressure monitoring system to adjust feed rate
Hydraulic folding brush
1 piece drum door opening both sides

POWERPACK & CONTROL
CAT C2.2 55kW (74HP) Stage V / Tier 4 Final
CAT C3.6 82kW (110HP) Stage V / Tier 4 Final (Option)
CAT C4.4 97kW (130HP) Tier IIIA (Option)
Hydrostatic drum and feeder drive
Fuel tank capacity 235L (52 gal)
Swing out engine for maintenance
Push button operation

COLLECTION CONVEYOR
1400mm (55") 3 ply plain belt, 4 + 2 covers
Cassette style – removable for maintenance
Head drum Ø219mm
Rear deflector plate to adjust loading point onto transfer conveyor
TRANSFER CONVEYOR
800mm (32") 3 ply plain belt, 4 + 2 covers
Cassette style – removable for maintenance
Head drum Ø184mm

FINES DISCHARGE CONVEYOR
1000mm (39") 3 ply chevron belt, 3 + 1.5 covers
Discharge Height: Max 3.2m (10' 6")
Discharge LHS
Head drum Ø184mm

OVERSIZE CONVEYOR
1200mm (47") 3 ply chevron belt, 3 + 1.5 covers
Discharge Height: Max 3.43m (11' 3")
Head drum Ø184mm
Variable speed control

BOGIE
2 axles, 8 studs
Max speed 80km/h (50mph)
Suspension type leaf spring
Super single c/w 385/55 R22 tyres
Pintle hook design

TRACKED UNDERCARRIAGE
Bolt on tracks and independent subframe
400mm (16") shoe
3470mm (11' 5") sprocket centres

OPTIONS
Remote control tipping grid 100mm (4")
Remote control tipping grid 150mm (6")
Air Separator
Reversing engine fan
Feeder belt – 1200mm (47") 3 ply chevron belt, 5 + 1.5 covers
Auxiliary oil supply connection (1) 17 lpm (C2.2)
Auxiliary oil supply connection (1) 34.5 lpm
Independent auxiliary oil supply (2) 34.5 lpm
Independent auxiliary oil supply (3) 64.5 lpm
Magnetic head drum oversize & fines w/chute
Mesh drum c/w woven mesh
Spiral Brush
Track Pads
Towing eye options
Telematics
Remote operation (conveyor raise/lower)
Different colour

CUSTOMER SUPPORT

With you every step of the way

We work with our customers to understand their equipment needs to select the product most suited to their business requirements. Terex Ecotec customer support incorporates a range of services including parts, technical support, warranty and financial services.



The Right Part at the Right Time

Terex Ecotec has a full inventory of genuine Terex parts through our global support locations and dealer network. We are committed to getting the right parts delivered at the right time. Using genuine Terex parts ensures optimum performance and reliability.



Warranty
Delivering on our promise so you can keep yours

Terex Ecotec warrants its new equipment to be free of defects in material or manufacture for a specified period from the date the equipment is first used.



Expert technical support

Terex Ecotec provide highly qualified service personnel to ensure that we have the ability to provide technical support when our customers need it. This support is provided in conjunction with our dealer network. We ensure our customers are supported throughout the lifecycle of their machine.



Terex Financial Services
Financing that works for you

Terex Ecotec are able to offer finance solutions to our customers. Our team of finance professionals know the importance of working closely with customers to understand their unique business challenges as well as their financial goals and requirements. Obtaining financing is often a time-consuming task, so we work hard to provide a reliable, flexible and responsive service.

Delivering On Our Promises,
So You Can Keep Yours.

Specification subject to change without notice





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